

10/524039

DT05 Rec'd PCT/PTO 09 FEB 2005

THE FOLLOWING IS THE ENGLISH TRANSLATION OF THE
AMENDMENTS TO THE INTERNATIONAL PRELIMINARY
EXAMINATION UNDER ARTICLE 34: Amended Sheets (page 20,
21 and 21a)

REPLACED BY
ART 34 AMDT

We claim:

1. A process for producing low-emission flexible polyurethane
5 foams by reacting
 - a) polyisocyanates with
 - b) compounds having at least two hydrogen atoms which are
10 reactive toward isocyanate groups,wherein polyether alcohols which have been prepared by addition of alkylene oxides onto compounds derived from renewable raw materials using DMC catalysts are used as
15 compounds b).
2. A process as claimed in claim 1, wherein the polyether
alcohols b) prepared by addition of alkylene oxides onto
compounds derived from renewable raw materials using DMC
20 catalysts have a mean molecular weight M_w in the range from 400 to 20000 g/mol.
3. A process as claimed in claim 1, wherein the polyether
alcohols prepared by addition of alkylene oxides onto
25 compounds derived from renewable raw materials using DMC catalysts have a mean molecular weight in the range from 1000 to 8000 g/mol.
4. A process as claimed in claim 1, wherein the polyether
30 alcohols prepared by addition of alkylene oxides onto compounds derived from renewable raw materials using DMC catalysts have a content of cyclic fatty acid esters of not more than 50 ppm.
- 35 5. A process as claimed in claim 1, wherein the polyether alcohols prepared by addition of alkylene oxides onto compounds derived from renewable raw materials using DMC catalysts have a content of cyclic fatty acid esters of not
40 more than 10 ppm.
6. A process as claimed in claim 1, wherein the compressive set
of flexible polyurethane slabstock foams is not more than 7%.
7. A process as claimed in claim 1, wherein the compressive set
45 of flexible polyurethane slabstock foams after aging in accordance with DIN EN ISO 2440 is not more than 10%.

8. A low-emission flexible polyurethane slabstock foam which can be produced as claimed in any of claims 1 to 7.
9. The use of a flexible polyurethane foam as claimed in claim 8 in motor vehicle interiors.
10. The use of a flexible polyurethane foam as claimed in claim 8 in furniture and mattresses.
- 10 11. The use of polyether alcohols which have been prepared by addition of alkylene oxides onto compounds derived from renewable raw materials using DMC catalysts for producing flexible polyurethane foams having reduced crack formation.
- 15 12. The use of polyether alcohols which have been prepared by addition of alkylene oxides onto compounds derived from renewable raw materials using DMC catalysts for producing low-emission flexible polyurethane foams having reduced odor and a reduced fogging value.

20

25

30

35

40

45